

PTO/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>		Application Number	10/690,716
		Filing Date	October 21, 2003
		First Named Inventor	HIGGINS, Michael Francis
		Art Unit	2676
		Examiner Name	LUU, Matthew
Sheet 1 of 4	Attorney Docket Number	08831.0060	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.*	Document Number Number-Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
ML		US-4,439,759	03-27-1984	Fleming et al	
ML		US-5,416,890	05-16-1995	Bereña	
ML		US-5,438,649	08-01-1995	Ruetz	
ML		US-5,448,652	09-05-1995	Vaidyanathan et al	
ML		US-5,450,216	09-12-1995	Kasson	
ML		US-5,719,639	02-17-1998	Imamura	
ML		US-5,731,818	03-24-1998	Wan et al	
ML		US-5,933,253	08-03-1999	Ito et al	
ML		US-6,297,828 B1	10-02-2001	Semba et al	
ML		US-6,360,008 B1	03-19-2002	Suzuki et al	
ML		US-4,737,843	04-12-1988	Spencer	
ML		US-4,946,259	08-07-1990	Malino et al	
ML		US-5,642,176	08-24-1997	Abukawa et al	
ML		US-5,661,371	08-26-1997	Salemo et al	
ML		US-5,724,112	03-03-1998	Yoshida et al	
ML		US-5,748,828	05-05-1998	Steiner et al	
ML		US-5,751,268	05-12-1998	Sheridon	
ML		US-5,880,707	03-09-1999	Aralani	
ML		US-5,899,550	05-04-1999	Masaki	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.*	Foreign Patent Document Country Code* Number* Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	*
ML		WO 2004/086128 A1	10-07-2004	Kim et al		
ML		WO 01/37251 A1	05-25-2001	Hirano et al		
ML		JP 6-261332	04/16/1994			Full English

Examiner Signature	MATTHEW LUU	Date Considered	2/24/06
--------------------	-------------	-----------------	---------

\*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* Applicant's unique citation designation number (optional). \* See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. \* Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \* For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \* Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \* Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22113-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22113-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.